NETWORK CABLE TESTER

Model No. 251450

The Network Cable Tester is designed to test quickly the most popular cable wiring that uses twisted pairs, such as 258A eight wires system (See Fig. 1) specified by AT&T or 10-Base-T Ethernet Standard (See Fig. 2). It can test cable for continuity, misswiring and polarization by the following test procedures.

Fig 1

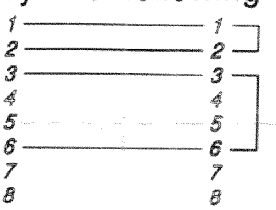


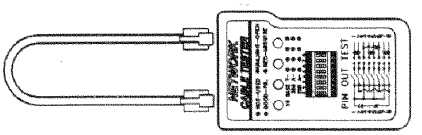
Fig 2

1. Continuity test—

   Step 1. Install the 9V Alkaline battery in the rear battery compartment.

   Step 2. Check all the dip switches are all at the "on" position.

   Step 3. Plug both ends of the cable in the sockets of the tester. (See Fig. 3)



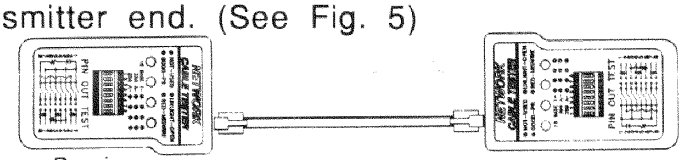
   Step 4. After the cable is pluged in to the tester, the LEDs on the tester will be lighted green as following. (See Fig. 4)

AT&T 258 Fig 4 10 BASE T

   Any LED'S display is different from the above mentioned standard, then the cable is miss-wired, or open, or shorted. Check the cable again and start the above test steps again.

2. Look-Back test—

   To perform the remote testing such as when you want to test the cables which have been installed in the wall connection systems or has been pulled a over hundred feet away, then you have to use two testers. One is used as a transmitter and the other as a receiver. To check a cable, just see the LEDs at the receiver box and program it at the transmitter end. (See Fig. 5)



Receiver Transmitter

3. Programe pin configuration—

   If you would like to check a wrong cable pin configuration, you may program the dip switche's and jumper wires to check its pin configuration. (See Fig. 6)